

PTO/SB/08A (10-01)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 21

## Complete If Known

Application Number	09/724,567
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

## U.S. PATENT DOCUMENTS

Examiner	Cite No.	Document Number Number Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CD	340	2002/0162129 A1	10-31-2002	Lannfelt	_____
	326	2002/0136718 A1	09-26-2002	Raso	_____
	325	2001/0102261 A1	08-01-2002	Raso	_____
	306	6,417,178 B1	07-09-2002	Klunk et al.	_____
	342	2002/0009445 A1	01-24-2002	Du et al.	_____
	267	6,294,171 B2	09-25-2001	McMichael	_____
	234	6,284,221 B1	09-04-2001	Schenk, et al.	_____
	300	2001/0018053 A1	08-30-2001	McMichael	_____
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	1	6,057,367	05-02-2000	Stamler et al.	_____
	221	5,989,566	11-23-1999	Cobb et al.	_____
	2	5,958,883	09-28-1999	Snow	_____
	3	5,955,317	09-21-1999	Suzuki et al.	_____
	4	5,955,079	09-21-1999	Mond et al.	_____
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	6	5,869,093	02-09-1999	Weiner et al.	_____
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	9	5,851,996	12-22-1998	Kline	_____
	10	5,849,298	12-15-1998	Weiner et al.	_____
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Examiner  
SignatureDate  
Considered

7/11/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PA 3307328 v1

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2 of 21

## Complete If Known

Application Number	09/724,567
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art. Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

211	5,736,142	04-07-1998	Sette et al.	
15	5,733,547	03-31-1998	Weiner et al.	
16	5,688,651	11-18-1997	Solomon	
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## U.S. PATENT DOCUMENTS

Examiner	Document Number	Filing Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CGN	60/254,405	12-08-2000	Holtzman et al.	
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Examiner Signature

*Griffith*

Date Considered

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Substitute for form 1449A/PTO				Complete If Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	09/724,567
(use as many sheets as necessary)				Filing Date	November 28, 2000
Sheet	3	of	21	First Named Inventor	Dale B. Schenk
				Art Unit	1647
				Examiner Name	Christopher Nichols
				Attorney Docket Number	015270-005911US

CD	282	00/169,687	12-08-1999	Chain
↓	242	00/169,594	11-29-1999	Chalifour et al.
↓	283	00/441,180	11-10-1999	Solomon et al.
CD	280	00/169,299	03-01-2000	Rasmussen et al.

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>2</sup>	Number <sup>3</sup>	Kind Code <sup>4</sup> (if known)		
CD	343	EP	1 172 378	A1	01-16-2002	
	35	EP	911 036	A2	04-28-1999	
	36	EP	866 918	A2	10-07-1998	
	37	EP	863 211	A1	09-09-1998	
	38	EP	845 270	A1	06-03-1998	
	39	EP	782 859	A1	07-09-1997	
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	45	EP	594 607	B1	08-27-1997	
	46	EP	561 087	B1	08-04-1999	
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	344	WO	01/90182	A2	11-29-2001	
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	294	WO	01/62801	A2	08-30-2001	
	301	WO	01/62284	A2	03-01-2000	
	298	WO	01/42306	A2	05-14-2001	

Examiner Signature	<i>S. Schenk</i>	Date Considered	7/11/03
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Sheet

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of

21

Complete if Known

Application Number	09/724,667
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

243	WO	01/39796	A2	06-07-2001			
199	WO	00/77178	A1	12-21-2000			
322	WO	00/72880	A2, A3	12-07-2000			
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240	WO	00/43039	A1	07-27-2000			
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57	WO	99/27949	A1	06-10-1999			
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60	WO	98/44955	A1	10-15-1998			
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68	WO	95/11311	A1	04-27-1995			
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69	WO	95/05853	A1	03-02-1995			
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201	WO	94/28412	A1	12-08-1994			
71	WO	94/03615	A1	02-17-1994			
72	WO	94/01772	A1	01-20-1994			
73	WO	93/21950	A1	11-11-1993			
74	WO	93/16724	A1	09-02-1993			
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SignatureDate  
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Sheet 5 of 21

Complete If Known

Application Number	09/724,567
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

76	WO	93/14200	A1	07-22-1993			
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80	WO	92/06187	A1	04-16-1992			
81	WO	91/19810	A1	12-26-1991			
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92	GB	2 220 211	A	01-04-1990			
93	GB	2 335 192	A	09-15-1999			

Examiner  
SignatureDate  
Considered

7/11/03

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Sheet

6 of 21

## Complete If Known

Application Number	09/724,587
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
CSW	94	ANDERSEN et al., "Do nonsteroidal anti-inflammatory drugs decrease the risk for Alzheimer's disease?", <u>Neurology</u> , 45:1441-1445 (1995). <input type="checkbox"/>
	95	Associated Press, "Immune cells may promote Alzheimer's, a study finds," <u>The Boston Globe</u> (4/13/95). <input type="checkbox"/>
	176	BARD et al., "Peripherally administered antibodies against amyloid $\beta$ -peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," <u>Nature Medicine</u> , 6(8):916-919 (2000). <input type="checkbox"/>
	228	BARROW, et al., "Solution Conformations and aggregational Properties of Synthetic Amyloid Beta-Peptides of Alzheimer's Disease. Analysis of Circular Dichroism Spectra" <u>J. Mol. Biol.</u> , 225(4): 1075-1093 (1992). <input type="checkbox"/>
	96	BAUER et al., "Interleukin-6 and $\alpha$ -2-macroglobulin indicate an acute-phase state in Alzheimer's disease cortices," <u>FEBS Letters</u> , 285(1):111-114 (1991). <input type="checkbox"/>
	239	BEASLEY, "Alzheimer's traced to proteins caused by aging," <u>Reuters</u> , April 20, 2001 7:56 PM ET. <input type="checkbox"/>
	204	BERCOVICI et al., "Chronic Intravenous Injections of Antigen Induce and Maintain Tolerance in T Cell Receptor-Transgenic Mice," <u>Eur. J. Immunol.</u> , 29:345-354 (1999). <input type="checkbox"/>
	212	BICKEL et al., "Site Protected, Galtonized Monoclonal Antibody Against Beta Amyloid as a Potential Diagnostic Imaging Technique for Alzheimer's Diseases," <u>Soc. for Neuroscience Abstracts</u> 18:784 (1992). <input type="checkbox"/>
	97	BLASS, John P., "Immunologic Treatment of Alzheimer's Disease," <u>New England J. Medicine</u> , 341(22):1694 (1999). <input type="checkbox"/>
	98	BODMER et al., "Transforming Growth Factor-Beta Bound to Soluble Derivatives of the Beta Amyloid Precursor Protein of Alzheimer's Disease," <u>Biochem. Biophys. Res. Comm.</u> , 171(2):890-897 (1990). <input type="checkbox"/>
CSW	99	BORCHELT et al., "Accelerated Amyloid Deposition in the Brains of Transgenic Mice Coexpressing Mutant Presenilin 1 and Amyloid Precursor Proteins," <u>Neuron</u> , 19: 939-945 (1997). <input type="checkbox"/>
CSW	100	BORIS-LAWRIE et al., "Recent advances in retrovirus vector technology," <u>Cur. Opin. Genet. Develop.</u> , 3: 102-109 (1993). <input type="checkbox"/>

Examiner Signature	<i>Christopher Nichols</i>	Date Considered	7/11/03
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<p>Substitute for form 1449B/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(use as many sheets as necessary)</i></p>				<p><b>Complete If Known</b></p>	
<p>Sheet <b>7</b> of <b>21</b></p>		<p><b>Application Number</b> <b>09/724,567</b></p>			
		<p><b>Filing Date</b> <b>November 28, 2000</b></p>			
		<p><b>First Named Inventor</b> <b>Dale B. Schenk</b></p>			
		<p><b>Art Unit</b> <b>1647</b></p>			
		<p><b>Examiner Name</b> <b>Christopher Nichols</b></p>			
		<p><b>Attorney Docket Number</b> <b>015270-005911US</b></p>			

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Examiner Signature		Date Considered	7/11/03
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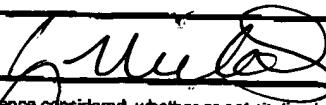
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## Complete If Known

Application Number	09/724,587
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

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Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

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Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
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Attorney Docket Number	015270-005911US

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Examiner Signature	<i>Schenk</i>	Date Considered	7/11/03
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Sheet 12 of 21

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Application Number	09/724,567
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

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Sheet	13	First Named Inventor	Dale B. Schenk
		Art Unit	1647
		Examiner Name	Christopher Nichols
		Attorney Docket Number	015270-005911US

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Examiner Signature	<i>G. Nichols</i>	Date Considered	7/11/03
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	09/724,567
(use as many sheets as necessary)				Filing Date	November 28, 2000
				First Named Inventor	Dale B. Schenk
				Art Unit	1647
				Examiner Name	Christopher Nichols
Sheet 14 of 21				Attorney Docket Number	015270-005911US

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Examiner Signature	<i>G. Miller</i>	Date Considered	7/1/03
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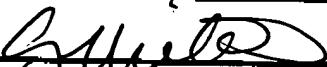
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Examiner  
Signature*Christopher Nichols*Date  
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167	VAN GOOL et al., "Concentrations of amyloid- $\beta$ protein in cerebrospinal fluid increase with age in patients free from neurodegenerative disease," <i>Neuroscience Letters</i> , 172:122-124 (1994).
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Examiner Signature		Date Considered	7/11/03
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Sheet 21 of 21

## Complete If Known

Application Number	09/724,567
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

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## Complete if Known

Application Number	09/724,567
Filing Date	November 28, 2000
First Named Inventor	Schenk, Dale B.
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
<i>CJN</i>	349	Check, "Battle of the Mind," <u>Nature</u> , 422:370-372 (March 2003).
<i>CJN</i>	350	Nicoll et al., "Neuropathology of human Alzheimer's disease after immunization with amyloid- $\beta$ peptide: a case report," <u>Nature Medicine</u> , 9(4):448-452 (April 2003).

Examiner Signature	<i>Christopher Nichols</i>	Date Considered	7/11/03
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